

This is a provisional English translation of an excerpt from the original full report.

Risk Assessment Report 6-Methylquinoline (Food Additive)

Food Safety Commission of Japan (FSCJ)
May 2009

Executive summary

The Food Safety Commission of Japan (FSCJ) conducted a risk assessment of 6-methylquinoline [CAS No. 91-62-3], a food additive used as a flavor, using various test results.

The test results used in the assessment are related to the repetitive dose toxicity, carcinogenicity, and genotoxicity.

The substance is unlikely to have toxicity relevant to human health when used at least within a low-dose range normally used for a flavor. In addition, FSCJ confirmed that the substance, 6-methylquinoline, was categorized into structural class III based on the safety assessment method compiled and used in Japan for flavoring agents commonly used in the world, and that the safety margin (28,000–11,000,000) exceeds 1,000, which is regarded as the appropriate safety margin for a 90-day repetitive dose toxicity study and the predicted amount of intake (0.01–4 µg/person/day) is lower than the acceptable daily intake of Structure Class III (90 µg/person/day).

Thereby FSCJ concluded that there is no safety concern with 6-methylquinoline when it is used for the purpose of flavoring food.